

16-NBD-16:0 Coenzyme A

{N-[(7-nitro-2-1,3-benzoxadiazol-4-yl)-methyl]amino} palmitoyl Coenzyme A (ammonium salt)

810705P-1mg

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Molecular Weight	1234.437
Chemical Formula	C ₄₃ H ₇₇ N ₁₄ O ₂₀ P ₃ S
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	5466PGA013
Avanti Lot Number	810705P-1MG-A-013

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: Yellow to orange solid which contains no foreign matter.	Pass
TLC (50:40:10 Chloroform:Methanol:Water)	>99% Purity UV: one major spot Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: negative to slight positive Water dip: one major spot	All pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-3NH ₄ +H] ²⁻ = 590.719 ± 1 amu	[M-3NH ₄ +H] ²⁻ = 591.3 amu

Approved by:

